

Station Name: 663 21 01

Horizontal Datum: NAD 83/91
Vertical Datum: NAVD 88
Control Point ID: Book: 663

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State: Washington
County: Snohomish
Established By: C of E

Section: 17

Township: 29 N

Range: 5 E

LATITUDE: 48 00 05.41434
LONGITUDE: 122 11 33.02475

ORTHOMETRIC HEIGHT: 71.1 Feet
21.66 Meters

Washington State Plane Coordinates - North Zone

	Northing	Easting	Point Scale Factor (to 9 decimal places)	Convergence Deg Min Sec
Feet	368256.454	1307691.161	0.999944310	-01 00 43.0
Meters	112244.7917	398585.0632		

HORIZONTAL DATA:

Data sheet prepared by Geodetic Consultants 10/20/97.

Horizontal coordinates were established by GPS observations in 1997 using the Leica Rapid Static survey and SKI software.

Relative point

position accuracy : 0.01 ft N @ 1 sigma (unconstrained), and 0.03 ft E @ 1 sigma, constrained to City points Paine Field, E011Reset, E093, E077 and VIEW.

Surveyors

estimated cumulative positional accuracy 0.05 ft @ 1 sigma.

VERTICAL DATA:

Vertical Data: Elevation has been determined by Leica Rapid Static GPS Survey and SKI Adjustment software

Relative point position accuracy: 0.02 ft @ 1 sigma (unconstrained) and 0.02 ft @ 1 sigma constrained to City Bench Marks, V035, V036, V40, V049 and V042.

Correction factor to NGVD29 = -1.121 m.

MONUMENT DESCRIPTION

A 4 inch iron pipe set under an iron monument case and cover with a 2 inch lead plug and a brass pin.

TO REACH

Set in the center lines of the intersection of 12th Street and Fir Street.

REFERENCES are compass bearings with 21 degrees East Declination

Az from North	Distance	Reference Description
N 6 degrees W	27.6 ft	to a power line pole
S 53 degrees E	12.4 ft	to a manhole cover
S 26 degrees W	24.6 ft	to a catch basin

Month Year Recovered :

Condition of Mark:

Recovered By: